Philips 5000 series
LCD TV with Pixel Plus HD

52"
Full HD 1080p digital TV

52PFL5604H

Brilliant design, powerful performance.

With superb picture and sound

Experience brilliant performance with a full HD 1080p display. Combined with a powerful Pixel Plus HD Engine and fantastic invisible sound, this Flat TV will never let you down.

Vivid and razor sharp pictures
- Pixel Plus HD for better details, depth and clarity
- Full HD LCD display, with a 1920 x 1080p resolution
- 28.9 billion colours for brilliant natural images
- Dynamic contrast 50000:1 for incredible rich black details

Pure and lifelike sound
- 2.1 channel surround with subwoofer for deep bass
- 2 x 10 W RMS audio power
- Invisible speakers with incredible surround

Easy to connect and enjoy
- USB for fantastic multimedia playback
- 3 HDMI inputs with Easylink for a full HD connection
- PC-input allows you to use your TV as a PC monitor

Ready for digital
- MPEG4 HDTV reception via DVB-T and DVB-C tuner with CI+*

NL/22/001

PHILIPS
sense and simplicity

Highlights

Pixel Plus HD

Pixel Plus HD is a picture processing technology that enables viewers to watch content that is vivid, natural and real. The results are superbly life-like pictures with incredible details and depth from any HD source.

Full HD LCD display 1920 x 1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

28.9 billion colours

Vibrant and natural images from most advanced colour processing. The 3 colour channels (RGB) are optimised for a total processing power of 28.9 billion colours. The advanced algorithms detect subtle colour shades and skin tones and process these to give most natural colours.

Dynamic contrast ratio 50000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

2.1 channel surround

This 2.1 channel surround with integrated subwoofer is a complete sound system that utilises Philips' incredible surround sound processing technology. It amplifies the bass frequencies from the subwoofer and at the same time optimises mid and low frequencies. The result is a system that powerfully reproduces the full range of audio frequencies from deep bass to crystal clear high notes.

USB (multimedia)

The USB connector allows access to jpeg photos, MP3 music and video files on most USB sticks (USB memory-class device). Plug the USB into the slot on the side of the TV and access the multimedia content using the easy on-screen content browser. You can now view and share your videos, photos and music.

PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.

Invisible speakers

An invisible sound system that blends perfectly with the design of the cabinet. The Incredible Surround allows you to experience total surround with greater depth and width of sound. It gives a clear and spacious sound stage complementary to the rich viewing experience.

MPEG4 DVB-T/C tuner with CI+*

HDTV allows you to watch TV in the best possible picture and sound quality, without an additional set-top box. Thanks to the built-in tuner that supports DVB-Terrestrial and DVB-Cable signals for both MPEG-2 and MPEG-4 formats, you receive high definition TV programmes in exceptional quality. Moreover, with Common Interface Plus (CI+) you benefit from premium high definition content directly on your TV.

ECO Flower

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Over the last 10 years we have worked hard to lower our environmental impact and will continue to do so. Our eco-design process aims to create Philips televisions that are increasingly eco-friendly and that have significantly less impact on the environment. Philips has been awarded the EU ECO label (the flower) on the majority of its models because of the televisions' high energy efficiency, ultra low standby powers (up to 50% less than the required EU ECO label level), absence of hazardous substances (e.g. lead) and the fact that Philips has designed televisions that can be easily recycled.

Pixel Plus HD · Full HD 1080p · 28.9 billion colours · Incredible Surround · HDMI 3x with easyLINK · USB · TV PC-IN · CI+ · DVB C T CABLE / TERRESTRIAL

LCD TV with Pixel Plus HD
52" Full HD 1080p digital TV

52PFL5604H/12

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Response time (typical): 5 ms
- Viewing angle: 178° (H)/178° (V)
- Diagonal screen size: 52 inch / 132 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920 x 1080p
- Picture enhancement: Pixel Plus HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Colour Enhancement, Colour Transient Improvement, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 1024	60 Hz
1360 x 768	60 Hz
1600 x 1200	60 Hz
1920 x 1080	60 Hz

- Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	24, 50, 60 Hz
1080p	24, 25, 30 Hz

Sound
- Output power (RMS): 2 x 10 W
- Sound Enhancement: Incredible Surround, Treble and Bass Control
- Sound System: Nicam Stereo

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Connection Enhancement: Easy link
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: Auto Volume Leveller (AVL), Delta Volume per preset, Programme List, Settings assistant Wizard, One-stop Home button, Favourite programme selection
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide*
- Remote Control: TV
- Remote control type: RCPF02E09B
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen
- Teletext: 1000-page Smart Text
- Teletext enhancements: 4 favourite pages
- Smart mode: Game, Cinema, Personal, Standard, Vivid

Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, LPCM, JPEG Still pictures, MPEG1, MPEG2, H.264/MPEG-4 AVC

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

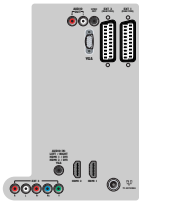
Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- Front/Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB 2.0
- Other connections: Audio constant level out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface Plus (CI+), Common Interface
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), Remote control pass-through, System audio control, System standby

Power
- Ambient temperature: 5°C to 35°C
- Mains power: 220–240 V, 50 Hz
- Power consumption (typical): 188 W
- Standby power consumption: 0.15 W

Dimensions
- Set dimensions (W x H x D): 1277 x 788.9 x 106.8 mm
- Set dimensions with stand (W x H x D): 1277 x 834 x 325 mm
- Weight incl. Packaging: 37.59 kg
- Product weight: 26.52 kg
- Product weight (+stand): 30.8 kg
- Box dimensions (W x H x D): 1535 x 884 x 294 mm
- Colour cabinet: High gloss black deco front with black cabinet
- VESA wall mount compatible: 400 x 400 mm

Accessories
- Included accessories: Tabletop swivel stand, Power cord, Quick start guide, Warranty certificate, Remote Control, 2 x AAA Batteries

Rear connectors



Side

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* 8 days EPG, service not available in all countries
* DVB-T, supported in selected countries only
* DVB-C in selected countries and for selected operators only. Most up to date information is available on the type plate of the TV.